

# Macrophage stimulating protein (MSP) in the metabolic syndrome

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## Propositions

accompanying the dissertation

### Macrophage stimulating protein (MSP) in the metabolic syndrome

1. MSP affects lipogenesis and inflammatory response via the activation of the AMPK signaling pathway. *(This thesis)*
2. When targeting inflammation in different tissues or cell types, MSP displays diverse roles. *(This thesis)*
3. MSP suppresses hepatic gluconeogenesis thereby negatively regulating plasma glucose concentration. *(This thesis)*
4. Cholesterol metabolism is associated with plasma MSP concentration in inflammation. *(This thesis)*
5. The potential of MSP as biomarker of insulin resistance deserves further exploration.
6. Medicine is a science of uncertainty and an art of probability. - *William Osler*
7. The most beautiful experience we can have is the mysterious. It is the fundamental emotion that stands at the cradle of true art and true science. - *Albert Einstein*
8. Nothing in life is to be feared, it is only to be understood. Now is the time to understand more, so that we may fear less. - *Marie Curie*
9. The secret of getting ahead is getting started. - *Mark Twain*
10. Studying abroad is not just a trip, it is a second life.
11. 不积跬步，无以至千里，不积小流，无以成江海 —荀子 (A journey of a thousand miles begins with a single step)

Jieyi Li 李婕一

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